

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1727	(honda).as. and (watanabe).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 09:24
S2	1	(honda).as. and (watanabe).in. and (optical with connector with shielding).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 09:25
S3	63	(diamond).as. and (marazzi).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 09:25
S4	4	(diamond).as. and (marazzi).in. and (sleeve with plug with connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 09:32
S5	1	1994-170018.NRAN.	DERWENT	OR	ON	2005/08/03 09:27
S6	2	(("6866424") or ("6425692")).PN.	US-PGPUB; USPAT	OR	OFF	2005/08/03 09:33
S7	4	("5138680"   "5600746"   "6688780").PN. OR ("6425692"   "6866424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/03 09:40

S8	84	(("20010041030"   "20010048790"   "20020150342"   "4107242"   "4277135"   "4479910"   "4557554"   "4611887"   "4640575"   "4673242"   "4712861"   "4767179"   "4779950"   "4986626"   "5016968"   "5052775"   "5104242"   "5123071"   "5138680"   "5142597"   "5166995"   "5202949"   "5214730"   "5265184"   "5287426"   "5311604"   "5317663"   "5329604"   "5333221"   "5335301"   "5337385"   "5343544"   "5348487"   "5363460"   "5373574"   "5388174"   "5420951"   "5436987"   "5481633"   "5506922"   "5570445"   "5577146"   "5587116"   "5600746"   "5603870"   "5692080"   "5708745"   "5716224"   "5719977"   "5815621"   "5825955"   "5845036"   "5883995"   "5956444"   "5964600"   "5971625"   "5984531"   "5987202"   "6004043"   "6074577"   "6076973"   "6076975"   "6079881"   "6081647"   "6096229"   "6108482"   "6129865"   "6142676"   "6188827"   "6296398"   "6302592"   "6331079"   "6352375"   "6361218"   "6371657"   "6406192"   "6425692"   "6425694"   "6461054"   "6471412"   "6471416"   "6481902").PN. OR ("6688780"   "6755574").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/03 09:42
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Search History	8/3/05, 1:26:58 PM	Page 1 of 5845027				

S10	252	S9 not (S2 S4 S6 S7 S8)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:15
S11	217	S10 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:17
S12	3306	(optical near4 (connector or housing or receptacle)) and ((shutter or flap or shield\$3 or closure) and ((block or shield or protect\$4) with (light or rays or emission or laser)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:15
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S14	1	(honda).as. and (watanabe).in. and (optical with connector with shielding).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:15
S15	4	(diamond).as. and (marazzi).in. and (sleeve with plug with connector).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:15
S16	2	("6866424") or ("6425692").PN.	US-PGPUB; USPAT	OR	OFF	2005/08/03 11:15
S17	4	("5138680"   "5600746"   "6688780").PN. OR ("6425692"   "6866424").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/03 11:15

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Search History	8/3/05, 3:26:58 PM	Page 6				
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S21	217	S20 and optical	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:15
S22	1818	S13 not (S14 S15 S16 S17 S18 S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:16
S23	497	(optical near4 connector) and ((shutter or flap or shield\$3 or closure) same ((block or shield or protect\$4) with (light or rays or emission)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:16
S24	453	S23 not (S14 S15 S16 S17 S18 S21)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:23
S25	45	S21 and shutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:17
S26	96	S24 and shutter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:17
S27	453	S23 not (S14 S15 S16 S17 S18 S21 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:23

S28	96	S26 not (S14 S15 S16 S17 S18 S21 S25)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 11:23
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S31	7	S30 and (conduct\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 14:31

Day : Wednesday

Date: 8/3/2005

Time: 09:31:32

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = TANAKA

First Name = YUWA

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#"><u>60442874</u></a>	Not Issued	159	01/27/2003	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	TANAKA, YUWA
<a href="#"><u>10764999</u></a>	Not Issued	030	01/26/2004	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	TANAKA, YUWA
<a href="#"><u>10349197</u></a>	Not Issued	030	01/22/2003	CLEANING UNIT FOR OPTICAL CONNECTOR AND CLEANING TOOL FOR OPTICAL CONNECTOR	TANAKA, YUWA
<a href="#"><u>10286436</u></a>	6866424	150	11/01/2002	OPTICAL CONNECTOR WITH SHUTTER	TANAKA, YUWA
<a href="#"><u>10286432</u></a>	6905251	150	11/01/2002	OPTICAL CONNECTOR CLEANING TOOL	TANAKA, YUWA

Inventor Search Completed: No Records to Display.

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Day : Wednesday

Date: 8/3/2005

Time: 09:31:38

**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = FUJIWARA

First Name = KUNIHIKO

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#"><u>60442874</u></a>	Not Issued	159	01/27/2003	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	FUJIWARA, KUNIHIKO
<a href="#"><u>10912109</u></a>	Not Issued	030	08/06/2004	LIGHT MODULATING APPARATUS FOR EXCIMER DISCHARGE LAMP	FUJIWARA, KUNIHIKO
<a href="#"><u>10764999</u></a>	Not Issued	030	01/26/2004	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	FUJIWARA, KUNIHIKO
<a href="#"><u>10489451</u></a>	Not Issued	030	02/14/2005	OPTICAL FIBER SHEET AND OPTICAL FIBER SHEET PRODUCTION METHOD	FUJIWARA, KUNIHIKO
<a href="#"><u>10349197</u></a>	Not Issued	030	01/22/2003	CLEANING UNIT FOR OPTICAL CONNECTOR AND CLEANING TOOL FOR OPTICAL CONNECTOR	FUJIWARA, KUNIHIKO
<a href="#"><u>10344304</u></a>	6819855	150	07/29/2003	CLIP REMOVING TOOL AND CLIP REMOVING METHOD	FUJIWARA, KUNIHIKO
<a href="#"><u>10286436</u></a>	6866424	150	11/01/2002	OPTICAL CONNECTOR WITH SHUTTER	FUJIWARA, KUNIHIKO
<a href="#"><u>10286432</u></a>	6905251	150	11/01/2002	OPTICAL CONNECTOR CLEANING TOOL	FUJIWARA, KUNIHIKO
<a href="#"><u>10152322</u></a>	6865329	150	05/20/2002	OPTICAL CONNECTOR CLEANING INSTRUMENT AND OPTICAL CONNECTOR CLEANING METHOD	FUJIWARA, KUNIHIKO
<a href="#"><u>09529982</u></a>	6425692	150	04/24/2000	CONNECTING STRUCTURE FOR OPTICAL CONNECTOR	FUJIWARA, KUNIHIKO
<a href="#"><u>09379293</u></a>	6189650	150	08/23/1999	MUFFLER STRUCTURE	FUJIWARA, KUNIHIKO
<a href="#"><u>09000888</u></a>	5971098	150	12/30/1997	MUFFLER FOR INTERNAL COMBUSTION ENGINE	FUJIWARA, KUNIHIKO

<u>08817269</u>	5902374	150	03/28/1997	VACUUM REFINING METHOD FOR MOLTEN STEEL	FUJIWARA, KUNIHIKO
<u>08481445</u>	5801343	150	06/16/1995	MUFFLER FOR INTERNAL COMBUSTION ENGINE	FUJIWARA, KUNIHIKO
<u>07155156</u>	4805569	150	02/11/1988	INTAKE SYSTEM FOR AN ENGINE	FUJIWARA, KUNIHIKO
<u>06875868</u>	4728587	150	06/18/1986	BATTERY USING HALOGEN AS ACTIVE MATERIAL	FUJIWARA, KUNIHIKO
<u>06736443</u>	4594298	150	05/21/1985	ZINC-CHLORIDE CELL	FUJIWARA, KUNIHIKO
<u>06590684</u>	Not Issued	166	03/19/1984	CHLORINE HYDRATE TANK	FUJIWARA, KUNIHIKO
<u>06484834</u>	4473625	150	04/14/1983	ZINC-HALOGEN BATTERY	FUJIWARA, KUNIHIKO
<u>06066062</u>	4277572	150	08/13/1979	GALVANIC CELL SEPARATOR	FUJIWARA, KUNIHIKO

Inventor Search Completed: No Records to Display.

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**PALM INTRANET****Inventor Name Search Result**

Your Search was:

Last Name = ISHIKAWA

First Name = TAKAAKI

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">60442874</a>	Not Issued	159	01/27/2003	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	ISHIKAWA, TAKAAKI
<a href="#">11057453</a>	Not Issued	030	02/14/2005	CRYSTAL OSCILLATOR DEVICE, OSCILLATION METHOD AND HEATER	ISHIKAWA, TAKAAKI
<a href="#">10764999</a>	Not Issued	030	01/26/2004	OPTICAL CONNECTOR WITH SHUTTER, SHUTTER UNIT, AND INNER PIECE	ISHIKAWA, TAKAAKI
<a href="#">10349197</a>	Not Issued	030	01/22/2003	CLEANING UNIT FOR OPTICAL CONNECTOR AND CLEANING TOOL FOR OPTICAL CONNECTOR	ISHIKAWA, TAKAAKI
<a href="#">10286436</a>	6866424	150	11/01/2002	OPTICAL CONNECTOR WITH SHUTTER	ISHIKAWA, TAKAAKI
<a href="#">10286432</a>	6905251	150	11/01/2002	OPTICAL CONNECTOR CLEANING TOOL	ISHIKAWA, TAKAAKI
<a href="#">10152322</a>	6865329	150	05/20/2002	OPTICAL CONNECTOR CLEANING INSTRUMENT AND OPTICAL CONNECTOR CLEANING METHOD	ISHIKAWA, TAKAAKI
<a href="#">07347216</a>	4988857	250	05/04/1989	MISCONVERGENCE MEASURING APPARATUS	ISHIKAWA, TAKAAKI

Inventor Search Completed: No Records to Display.

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- #3 optical and connector and shutter

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## Advanced Search: INSPEC - 1969 to date (INZZ)



Search history:

No.	Database	Search term	Info added since	Results	
1	INZZ	optical AND connector AND shutter	unrestricted	3	<a href="#">show titles</a>

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 (YYYYMMDD)

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- Classification codes A: Physics, 2-3
- Classification codes A: Physics, 4-5
- Classification codes A: Physics, 6
- Classification codes A: Physics, 7
- Classification codes A: Physics, 8
- Classification codes A: Physics, 9
- Classification codes B: Electrical & Electronics, 0-5
- Classification codes B: Electrical & Electronics, 6-9
- Classification codes C: Computer & Control
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Result # 1      Relevance:

**Fiber Optic Connector with Built-in Shutter**

1987-03-01      IPCOM000040885D      English

The male and female parts of a fiber optic (FO) connector are each terminated with a f  
When the parts are unmated each shutter is closed over the respective end of the FO e  
cable and /or bundle, connected to the particular part, and when the ...

Result # 2      Relevance:

**Micromechanic Shutter Fiber-Optic Switch**

1994-02-01      IPCOM000111426D      English

This article describes an opaque shutter, as part of a silicon structure made by microm  
processes, which is moved in and out of a gap in between two monomode fibers to inte  
connect the light path. The opaque shutter may be constructed by an anisotropic ...

Result # 3      Relevance:

**Rapid flash lamp**

12-Sep-2000      IPCOM000000634D      English

A method and apparatus for providing low peak time and pulse width actinic energy fro  
varying the input energy of a capacitive ignition circuit having relatively high voltage tr  
lamp comprises a pair of electrodes disposed within a light transparent ...

Result # 4      Relevance:

**Integrated Computer and Camera**

1994-10-01      IPCOM000113860D      English

Disclosed is a concept of merging a computer with a camera in such a way that the dis  
the computer functions as a viewfinder of the camera. Digital images are stored in soli  
on magnetic media in electronic memory formats, to be transferred ...

Result # 5      Relevance:

**Fiber Optic Module Interface Attachment**

1991-10-01      IPCOM000122064D      English

Fiber Optics uses light signals as opposed to the traditional use of electrical signals to t  
This requires the conversion of electrical signals to optical signals and vice-versa. The  
responsible for sending and receiving these signals and performing ...

Result # 6      Relevance:

**Nonimpact Dot Printer**

1979-07-01      IPCOM000067343D      English

A dot printer uses an optically transparent tube 10 (Fig. 1). The tube 10 includes a refl  
(e.g., mercury), but is otherwise filled with a light-transmitting fluid 14. A beam 16 of  
such as might be generated by a laser 18, is applied at one end ...

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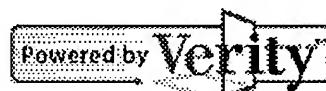
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